

[illegible]

[illegible]

[illegible]

[illegible]

FIG. 3

## AMINO-ACID SEQUENCE OF THE HUMAN B3-ADRENERGIC RECEPTOR GENE

10	20	30	40	50	60	70	80
MAPWPHENS	LAPWDPDPTL	APNTANTSGL	PGVPHEAALA	GALLALAVLA	TVGGNLLVIV	AIAWTPRLQT	MTNVFVTSLA
90	100	110	120	130	140	150	160
AADLYMGLLV	VPPAATLALT	GHWPLGATGC	ELWTSVDVLC	VTASIELTCA	LAVDRYLAVT	NPLRYGALVT	KRCARTAVVL
170	180	190	200	210	220	230	240
VWVVSAAVSF	APIMSQWVRV	GADAEAQRC	SNPRCCAFAS	NMPYVLLSSS	VSFYLPLLVM	LFVYARVFVV	ATRQLRLLRG
250	260	270	280	290	300	310	320
ELGRFPPEES	PPAPSRSLAP	APVGTCAPE	GVPACGRRPA	RLPLREHRA	LCTLGLIMGT	FTLCWLPFFL	ANVLRALGGP
330	340	350	360	370	380	390	400
SLVPGPAFLA	LNWLGYANSA	FNPLYICRSP	DFRSAFRRL	CRCGRRLPPE	PCAAARPALF	PSGVPAARSS	PAQPRLCQRL

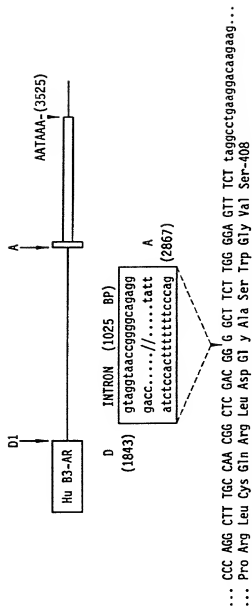
DGASMGVS

FIG. 4

## AMINO-ACID SEQUENCE OF THE MOUSE B3-ADRENERGIC RECEPTOR GENE

10	20	30	40	50	60	70	80
MAPWPHRNGS	LALWSDAPTL	DPSAANTSGL	PGVPMAAALA	GALLALATVG	GNLLVIIAIA	RTPLRQTIIN	VFVTSAAAD
90	100	110	120	130	140	150	160
LVVGLLVMP	GATLALTGHV	PLGETGCCELW	TSVDVLCVTA	SIETLCALAV	DRYLAVTNPL	RYGTLVTKRR	ARAAVVLWI
170	180	190	200	210	220	230	240
VSAAVSFAP	MSQWVRVGAD	AEAQCHSNP	RCCSFASNMP	YALLSSSVSF	YLPVLVMLFV	YARVYVVAKR	QRHLLRRELG
250	260	270	280	290	300	310	320
RFSPEESPPS	PSRSPSPATG	GTPAAPDGV	PCGRRPARLL	PLREHRAVRT	LGLIMGIFSL	CWLPFFLANV	LRALAGPSLV
330	340	350	360	370	380	390	400
PSGVFIALNW	LGYANSAFNP	VIYCRSPDPR	DAFRLLCSY	GGRGPEEPR	VTFPASPVEA	RQSPPLNRFD	GYEGARPFPT

FIG. 5A



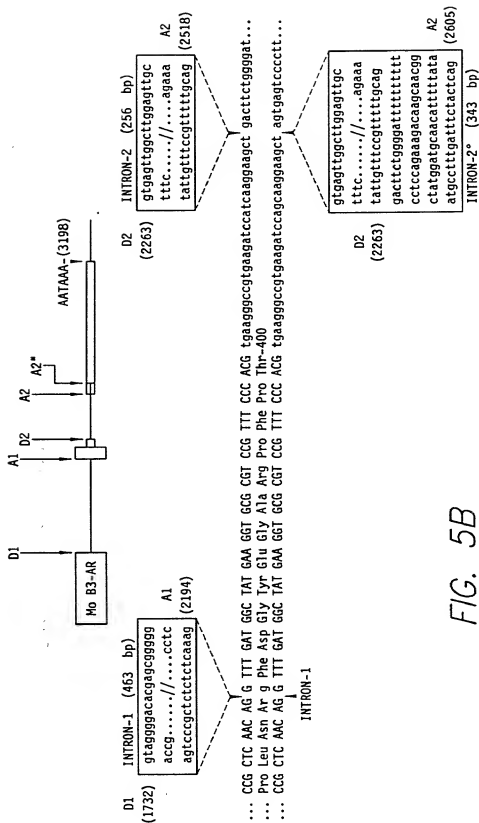


FIG. 5B